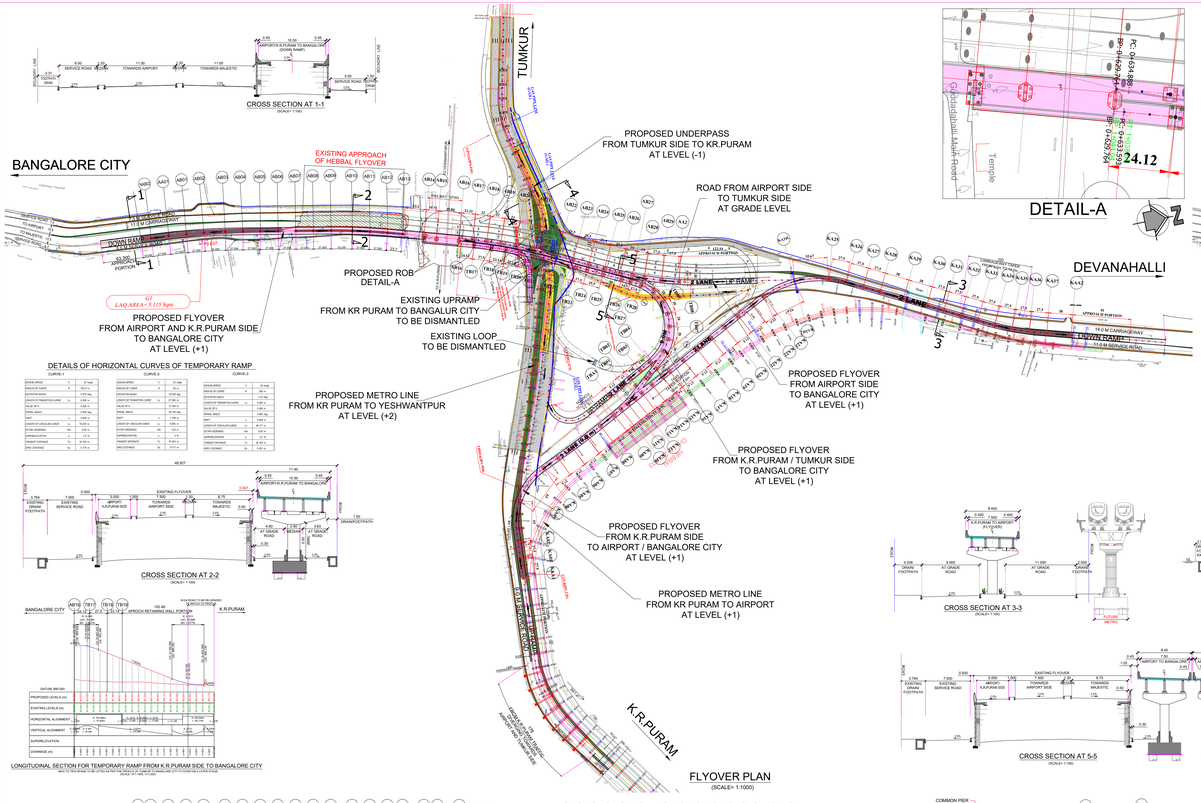
CROSS SECTION AT 1-1



DETAIL-A

DETAILS OF HORIZONTAL CURVES OF TEMPORARY RAMP

CURVE-1			CURVE-2			CURVE-3		
DESIGN SPEED	V	20 kmph	DESIGN SPEED	V	20 kmph	DESIGN SPEED	V	20 kmph
RADIUS OF CURVE	R	50.0 m	RADIUS OF CURVE	R	47 m	RADIUS OF CURVE	R	47 m
DEVIATION ANGLE		13.976 deg	DEVIATION ANGLE		19.166 deg	DEVIATION ANGLE		7.57 deg
LENGTH OF TRANSITION CURVE	Ls	12.00 m	LENGTH OF TRANSITION CURVE	Ls	12.00 m	LENGTH OF TRANSITION CURVE	Ls	12.00 m
VALUE OF A		24.49 m	VALUE OF A		23.75 m	VALUE OF A		23.75 m
SPIRAL ANGLE		7.00 deg	SPIRAL ANGLE		7.00 deg	SPIRAL ANGLE		7.00 deg
SHIFT	S	0.98 m	SHIFT	S	1.18 m	SHIFT	S	1.18 m
LENGTH OF CIRCULAR CURVE	Lc	16.87 m	LENGTH OF CIRCULAR CURVE	Lc	15.83 m	LENGTH OF CIRCULAR CURVE	Lc	6.37 m
EXTRA WIDENING	We	2.50 m	EXTRA WIDENING	We	1.50 m	EXTRA WIDENING	We	1.50 m
SUPERELEVATION	e	4.0 %	SUPERELEVATION	e	4.0 %	SUPERELEVATION	e	4.0 %
TANGENT DISTANCE	Ts	36.78 m	TANGENT DISTANCE	Ts	33.57 m	TANGENT DISTANCE	Ts	21.15 m
APEX DISTANCE	Sa	5.79 m	APEX DISTANCE	Sa	5.11 m	APEX DISTANCE	Sa	2.32 m

CROSS SECTION AT 2-2

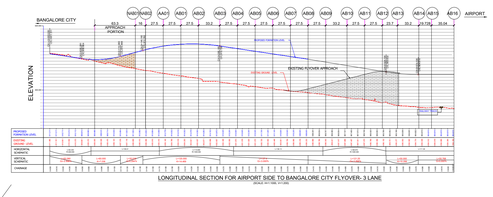
LONGITUDINAL SECTION FOR TEMPORARY RAMP FROM K.R.PURAM SIDE TO BANGALORE CITY

CROSS SECTION AT 3-3

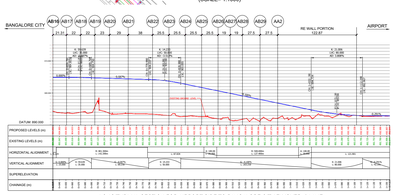
CROSS SECTION AT 4-4

CROSS SECTION AT 5-5

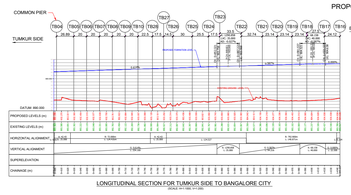
PROPOSED AT GRADE SERVICE ROAD



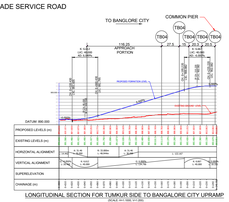
LONGITUDINAL SECTION FOR AIRPORT SIDE TO BANGALORE CITY FLYOVER- 3 LANE



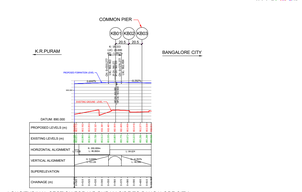
LONGITUDINAL SECTION FOR AIRPORT SIDE TO BANGALORE CITY FLYOVER- 2 LANE



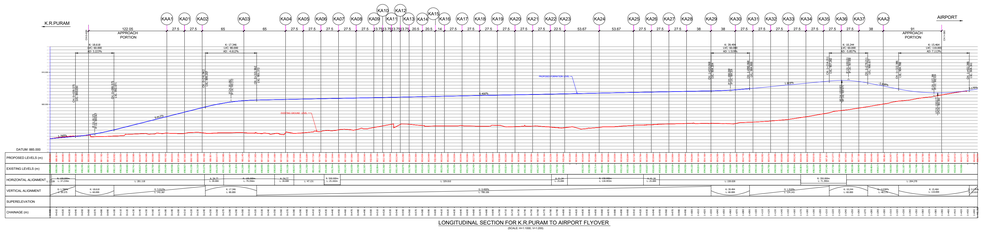
LONGITUDINAL SECTION FOR TUMKUR SIDE TO BANGALORE CITY



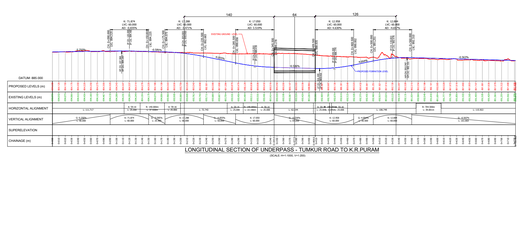
LONGITUDINAL SECTION FOR TUMKUR SIDE TO BANGALORE CITY UPRAMP



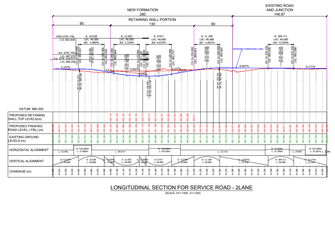
LONGITUDINAL SECTION FOR K.R.PURAM SIDE TO BANGALORE CITY



LONGITUDINAL SECTION FOR K.R.PURAM TO AIRPORT FLYOVER



LONGITUDINAL SECTION OF UNDERPASS - TUMKUR ROAD TO K.R.PURAM



LONGITUDINAL SECTION FOR SERVICE ROAD - 2LANE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE.
2. FOR OTHER NOTES REFERENCE TO SHEET 1 OF 3 OF THIS DRAWING.

NO	DATE	REVISION	DRAWN
R0	12-02-2024	FOR APPROVAL	PRA

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PROJECT

CONSTRUCTION OF UNI-DIRECTIONAL UNDERPASS ALONG ORR AND WIDENING OF EXISTING FLYOVER WITH NEW FLYOVER ALONG NH-7 AT HEBBAL JUNCTION.

OWNER CLIENT

BANGALORE DEVELOPMENT AUTHORITY

CONTRACTOR CLIENT

TITLE

GENERAL ARRANGEMENT DRAWING

DATE	REV
09-02-2024	R0

DRAWN	PRA	SCALE	1:100	JOB NO	290004	SHEET SIZE	1950 X 1000
DESIGNED	BRS	CHECKED	ATS	DRG NO	RD-01	ISSUED DATE	09-02-2024
ISSUED FOR :-	APPROVAL			SHEET NO:	SHEET 1 OF 1		